



Spring term Climate

Class

Science

In the first half of the term, we will be learning about forces, friction and resistance, such as gravity, air resistance and water resistance. We will be conducting investigations to question how different materials can affect these.

In the second half term, we will be exploring space. We will learn about the different planets, phases of the moon and explore the Earth's rotation to explain day and night.

Maths

This half term we are focussing on formal methods of multiplication and division, using the column method for multiplication and bus stop method for division. There will be lots of practice of times tables, as they will underpin all of the work in this unit. We will then be moving on to one of our biggest units- Fractions! Within this, we will explore equivalent fractions, order and compare and add and subtract fractions.

Any additional multiplication and division practice at home will be very beneficial! TTRockstars and Hit the Button are highly recommended!

Music

The Year 4 children are exploring Pentatonic scales through listening to music from other cultures. They will be composing pentatonic melodies using a range of tuned classroom instruments. The Year 5 children have been introduced to Jeff Wayne's War of the Worlds musical and will be appraising the musical story, while also learning to perform the Eve of War theme and sing Forever Autumn. In the second half of Spring term, both year groups will focus on developing their ukulele ensemble playing while developing an understanding of simple notation.

French

Our topics will focus around 'shopping' and 'weather & seasons'. The children will develop their French conversation from the Autumn term, building through practical and verbal activities and linking learning together.

Computing

This term, Year 4 will be learning how to create a webpage, using a range of different publishing skills and software to do so. Year 5 will be looking at data handling and how to interpret data using software. They will do this by looking at the Mars Rover and exploring how it retrieves and sends data to NASA.

English

In English, we are starting off the term with a non-chronological report based on The Yanomai Tribe. We will then be moving on to horror stories. Throughout this piece of work, we will be developing our grammar skills, working on description, building tension and suspense and punctuating speech.

After half term, we will be writing a Sci-Fi story and we also be writing a biography of some famous figures in history.

Geography & History

Throughout this half term, we will be exploring the continent North America, looking at the physical features, such as the Mississippi river and how humans use the land. We will also be comparing a location in North America- Banff (Canada) with the Yorkshire dales, looking for similarities and differences of both human and physical geography.

Art/DT

This term the year 5's will be learning doing observational drawing, inspired by nature. Using pencils and colours to create detailed drawings. Year 4s will be studying watercolour painting: they will be looking at a range of artists with opposing styles, such as Thomas Girtin and Valentina Verlato. They will be refining their painting skills and techniques and producing their own watercolour landscapes.

PE

This term Year 4 will be going swimming and yr 5 will begin by focussing on dance and outdoor teamwork and problem solving activities. We will be moving on to striking and fielding games such as cricket for outdoor PE and move onto floor-based gymnastics for our indoor PE session.

Reading books will be changed regularly as Children complete their books. Most children will read to an adult within the week and we ask children to read at least 3 times a week at home, to be in with a chance of winning a prize from the bag on a Friday!

Spellings - Please help children practice their spellings at home. New spellings will be given each Monday to be tested on the following Monday.

Homework - Children will be directed to use IXL and Timestable Rockstars to complete tasks linked to learning within the week.